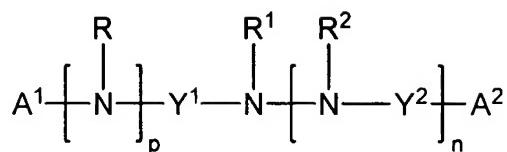


CLAIMS

- ## 1. A compound of Formula (I)



Formula (I)

or a pharmaceutically acceptable salt or physiologically functional derivative thereof, wherein

A^1 is thienyl, which may be optionally substituted with one or more R^3 ;

p is 0;

Y^1 is SO_2 ;

R^1 is H or alkyl, cycloalkyl, aryl, or heteroaryl, each of which may be optionally substituted with one or more R^3 ;

n is 1;

R^2 is H or alkyl, cycloalkyl, aryl, or heteroaryl, each of which may be optionally substituted with one or more R^3 ;

Y^2 is $-\text{C}(\text{O})-$ or $-\text{C}(\text{S})-$;

A^2 is alkyl, aryl, or heteroaryl, each optionally substituted with one or more R^3 ;

each R³ independently is OR⁴, SR⁴, hydroxyalkyl, hydroxyalkylamino, cycloalkyl,

halogen, haloalkyl, haloalkoxy, NO_2 , CN , $\text{SO}_2\text{NR}^4\text{R}^5$, $\text{CO}_2\text{NR}^4\text{R}^5$, COR^4 , CO_2R^4 , SO_2R^4 ,

SO_3R^4 , NR^4R^5 , alkyl, aryl, aryl substituted with halogen, or heteroaryl;

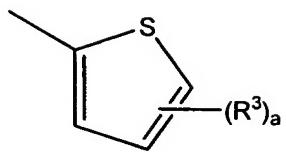
each R⁴ independently is H, alkyl, cycloalkyl, aryl, or heteroaryl; and

each R⁵ independently is H, O-alkyl, O-aryl, alkyl, heteroaryl, or aryl.

2. The compound of claim 1 wherein A^2 is C_{1-6} alkyl or thiienyl, each optionally substituted with one or more R^3 .

- 3 The compound of claim 2 wherein A² is thienvinyl substituted with halogen.

4. The compound of claim 1 wherein A¹ is



wherein a is 0, 1, or 2.

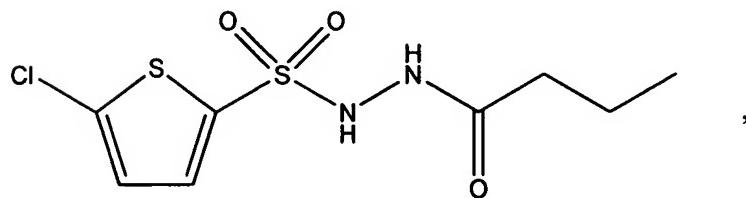
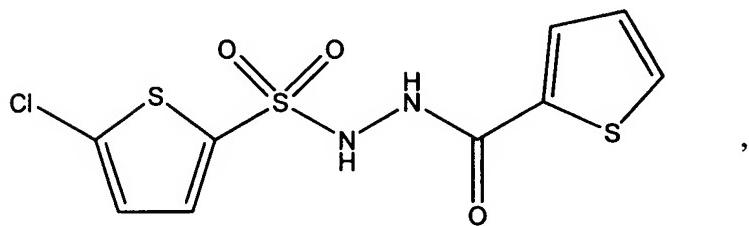
5. The compound of claim 4 wherein a is 1 and the depicted thienyl is substituted with halogen.

6. The compound of claim 1 wherein Y² is C(O).

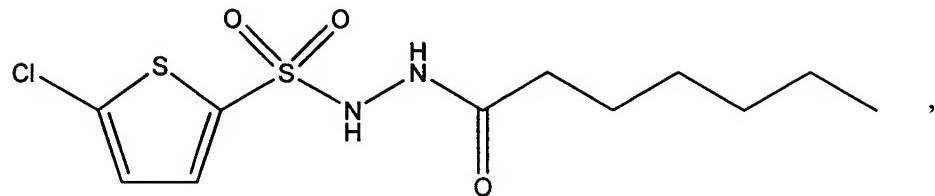
7. The compound of claim 1 wherein R¹ is H.

8. The compound of claim 1 wherein R² is H.

9. A compound selected from:



or



or a pharmaceutically acceptable salt or physiologically acceptable derivative thereof.

10. A method for inhibiting the production of a virulence factor comprising contact with a compound of claim 1.
11. A method for inhibiting the production of a virulence factor comprising contact with a compound of claim 9.
12. The method of claim 10 for the treatment or prevention of bacterial damage or disease.
13. The method of claim 11 for the treatment or prevention of bacterial damage or disease.
14. The method of claim 12 wherein the bacteria is *Pseudomonas aeruginosa* or *Burkholderia cepacia*.
15. The method of claim 13 wherein the bacteria is *Pseudomonas aeruginosa* or *Burkholderia cepacia*.
16. A composition for inhibiting biofilm formation comprising a compound of claim 1.
17. A composition for inhibiting biofilm formation comprising a compound of claim 9.